

In the Application of:  
GATFIELD et al.  
Serial No.: New Application

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**IN THE CLAIMS:**

1. (Original) Process for the production of 2E,4Z-decadienoic acid-N-isobutylamide (cis-pellitorine), characterised in that a 2E,4Z-decadienoic acid ester is reacted with isobutylamine in the presence of a catalyst, the mixture with unreacted 2E,4Z-decadienoic acid ester is optionally saponified and then the mixture is isolated by physico-chemical methods.
2. (Amended) A sensory ingredient mixture Mixture containing at least 80 wt.% of 2E,4Z-decadienoic acid-N-isobutylamide and at least two other N-isobutylamides of decanoic acid, 2E-decenoic acid, 2E,4E-decadienoic acid, 2Z,4E-decadienoic acid, 2Z,4Z-decadienoic acid, 2E,4Z,7Z-decatrienoic acid, 3Z,5E-decadienoic acid or 3Z,5E,7Z-decatrienoic acid.
3. (Amended) A sensory agent comprising Use of 2E,4Z-decadienoic acid-N-isobutylamide or a mixture according to claim 2 as an aromatic substance.
4. (Amended) A sensory agent Use according to claim 3, wherein said aromatic substance means comprises a pungent principle or aromatic substance having a heat-generating effect.
5. (Amended) A food stuff preparation comprising a sensory agent Use according to claim 3, ~~or 4 in preparations used for foodstuffs or luxury foodstuffs~~.
6. (Amended) An oral hygiene composition comprising a sensory agent Use according to claim 3, ~~or 4 in preparations used for oral hygiene~~.
7. (Amended) Preparations used useful for foodstuffs, oral hygiene or luxury foodstuffs, containing 2E,4Z-decadienoic acid isobutylamide or a mixture according to claim 2 comprising at least 80 wt.% of 2E,4Z-decadienoic acid-N-isobutylamide and at least two other N-isobutylamides of decanoic acid, 2E-decenoic acid, 2E,4E-decadienoic acid, 2Z,4E-decadienoic acid, 2Z,4Z-decadienoic acid, 2E,4Z,7Z-decatrienoic acid, 3Z,5E-decadienoic acid or 3Z,5E,7Z-decatrienoic acid.
8. (Original) Preparations according to claim 7, containing at least one other pungent-tasting or heat-generating substance.

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9. (Original) Preparations according to claim 7, containing at least one pungent-tasting plant extract.
10. (Original) Preparations according to claim 7, containing at least one other pungent-tasting or heat-generating substance and at least one pungent-tasting plant extract.
11. (Amended) Preparations according to ~~at least one of claims 7 to 10~~ claim 7 in the form of a semi-finished products product.
12. (Amended) Preparations according to ~~at least one of claims 7 to 11~~ claim 7 in the form of a perfume, an aromatic composition, and a flavouring composition, compositions and a spice mixes mix.
13. (New) Preparations according to claim 7 containing at least 80 wt.% of 2E,4Z-decadienoic acid-N-isobutylamide and at least two other N-isobutylamides of decanoic acid, 2E-decenoic acid, 2E,4E-decadienoic acid, 2Z,4E-decadienoic acid, 2Z,4Z-decadienoic acid, 2E,4Z,7Z-decatrienoic acid, 3Z,5E-decadienoic acid or 3Z,5E,7Z-decatrienoic acid.
14. (New) Preparations according to claim 7 containing 2E,4Z-decadienoic acid-N-isobutylamide.